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PATENT NUMBER

U.S. **UTILITY** Patent Application

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SCANNED WO G.A. CW	PATENT DATE

APPLICATION NO. CONT/PRIOR CLASS SUBCLASS ART UNIT SAMINER

09/941679 F 382 SUBCLASS ART UNIT EXAMINER

29 29 29 2623 Yan Causso

Koji Shimizu

Suction nozzle, method of detecting hold position of electric component, methods of detecting bending and angular position of suction pipe, and electric-component handling device

PTO-2040

		ISSUING C	LASSIFICATION			
ORIGINAL		CROSS REFERENCE(S)				
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)			
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INTERNATIONAL	. CLASSIFICATION					
						
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TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED			
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.		
The term of this patent subsequent to(date)				NOTICE OF ALI	LOWANCE MAILED		
has been disclaimed.	(Assistant	Examiner)	(Date)				
The term of this patent shall not extend beyond the expiration date							
of U.S Patent. No.				ISSUE FEE			
				Amount Due	Date Paid		
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The terminalmonths of this patent have been disclaimed.				ISSUE BAT	TCH NUMBER		
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